

Course Title: Compilers and Languages
(First term)Course Code: CCE3113 3rd year
Allowed time: 15 minutesStudent Name:Section No.:Quiz1

(10 marks)

1. Design a finite state automaton that will recognize

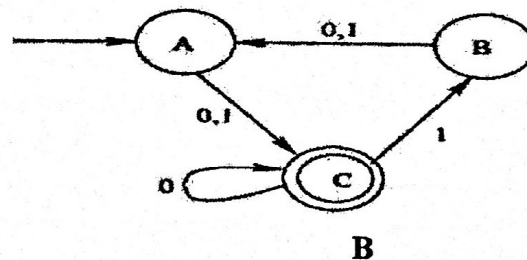
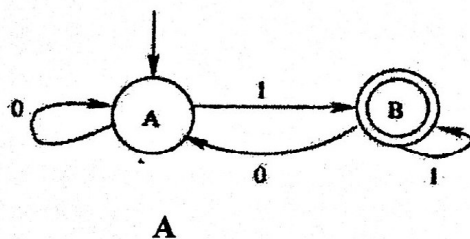
A) The language of all strings containing only a's and b's where there are at least 3 b's

Answer

B) The language of all strings containing only a's and b's that begin in a.

Answer

2. Find regular expressions for each of the following languages recognized by the following machines

*Answer**Dr. Sherin El Gokhy*
Best wishes